

Title (en)
CHARGE EQUALIZATION SYSTEM FOR BATTERIES

Title (de)
LADUNGSAusGLEICH FÜR BATTERIEN

Title (fr)
SYSTEME D'EQUILIBRAGE DE CHARGE POUR BATTERIES

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Abstract (en)
[origin: WO2011095610A2] The invention relates to an equalization system for batteries, comprising at least two accumulator stages (Eti) in series, each accumulator stage (Eti) comprising at least one accumulator (Aij). According to the invention, said system comprises: at least one voltage generator (7); an associated charging device (5) for each accumulator stage (Eti), powered by said at least one voltage generator (7) and comprising at least one inductance, at least one first and one second capacitor, at least two diodes, and at least one switch; and a control device (3) for controlling said at least one voltage generator (7), for closing said at least one switch of a charging device (5) associated with an accumulator stage (Eti) to be charged, so that said at least one inductance stores energy, and for transferring said energy to said associated accumulator stage (Eti).

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